		· · · · · · · · · · · · · · · · · · ·	50	27 Rec'd PCT/PTO 2.6 APR 2000								
FORM (REV)	PTO-139 1-98)	0 (Modified) U.S. DEPARTMENT	MMERCE PATENT AND TRADEMARK OFFICE	ATTORY S DOCKET NUMBER								
	TF	RANSMITTAL LETTER	THE UNITED STATES	UCS1-1								
•	•	DESIGNATED/ELECT	ED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR								
		CONCERNING A FILIN	IG UNDER 35 U.S.C. 371	09/530370								
INTE		IONAL APPLICATION NO. PCT/US98/22577	INTERNATIONAL FILING DATE 23 October 1998	PRIORITY DATE CLAIMED 27 October 1997								
REA	GEN	NVENTION ITS AND IMMUNOASSAY HIOL AND PRECURSORS	-	NTITATIVE DETERMINATION OF								
ROE	BERT	r(s) for do/eo/us r C. FAHEY; GERALD L. N BERG	EWTON; MARIA MARGARITA D.	UNSON; CHARLES E. DAVIS; SARA J.								
Appl	icant l	erewith submits to the United Sta	ites Designated/Elected Office (DO/EO/US)	the following items and other information:								
1.	\boxtimes	This is a FIRST submission of i	tems concerning a filing under 35 U.S.C. 3	71.								
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.										
3.	\boxtimes	This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).										
4.	\boxtimes	A proper Demand for Internation	nal Preliminary Examination was made by t	he 19th month from the earliest claimed priority date.								
_ 5.	\boxtimes	A copy of the International App	lication as filed (35 U.S.C. 371 (c) (2))									
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		a. is transmitted herewith (required only if not transmitted by the International Bureau).										
#1			y the International Bureau.									
### ###		c. \square is not required, as the a	application was filed in the United States Re	ceiving Office (RO/US).								
6.		A translation of the International Application into English (35 U.S.C. 371(c)(2)).										
<u>.</u> 7.		A copy of the International Search Report (PCT/ISA/210).										
8.	\boxtimes	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))										
: ## 15.			h (required only if not transmitted by the In	ternational Bureau).								
			by the International Bureau.									
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	c. have not been made; however, the time limit for making such amendments has NOT expired.											
	`_:	d. A have not been made an		2.6.2214.3/233								
1		A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).										
10.		An oath or declaration of the inv										
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409). A translation of the annexes to the International Preliminary Examination Report under PCT Article 36										
12.		A translation of the annexes to t $(35 \text{ U.S.C. } 371 \text{ (c)}(5)).$	ne International Preliminary Examination R	eport under PC1 Article 36								
It	tems 1	3 to 20 below concern documen	t(s) or information included:									
13.		An Information Disclosure Stat	ement under 37 CFR 1.97 and 1.98.									
14.		An assignment document for red	cording. A separate cover sheet in complian	ice with 37 CFR 3.28 and 3.31 is included.								
15.		A FIRST preliminary amendme	nt.									
16.		A SECOND or SUBSEQUENT	preliminary amendment.									
17.		A substitute specification.										
18.		A change of power of attorney a	nd/or address letter.									
19.	\boxtimes	Certificate of Mailing by Expres	s Mail	;								
20.	\boxtimes	Other items or information:										
		POSTCARD CHECK #441199										
		EXPRESS MAIL NO. EL4769	93395US									

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U.S. APPLICATION	530370	37	INTERNATIONAL A PCT/US	APPLICAT S98/2257		-)		DOCKET NUMBER D1130-1			
li .									CALCULATIONS PTO USE ONLY			
li .	L FEE (37 CFR 1.49	. , . ,	(5)) : 1 fee (37 CFR 1.482) n	or.								
international	l search fee (37 CFR 1	.445(a)(2)	paid to USPTO by the EPO or JPO		\$97	0.00						
	l preliminary examina Internation Search Re	0.00	ŀ									
but internati	l preliminary examina onal search fee (37 CF	0.00										
 ✓ International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)												
☐ Internationa and all claim	l preliminary examina ns satisfied provisions	6.00		 	· · · · · · · · · · · · · · · · · · ·							
			ATE BASIC FE	E AM		_		\$670.00				
Surcharge of \$130.0 months from the ear	00 for furnishing the orliest claimed priority	ath or declar date (37 C	aration later than FR 1.492 (e)).	□ 20) ⊠ 30)		\$130.00				
CLAIMS	NUMBER FI	ILED	NUMBER EXT	'RA	RATE							
Total claims	45	- 20 =	25		x \$18.0			\$450.00				
Independent claims		- 3 =	5	1	x \$78.0	0		\$390.00				
Multiple Dependen	t Claims (check if ap		ABOVE CALC	TIL AT		_		\$0.00 \$1,640.00				
Reduction of 1/2 for must also be filed (y, if applica	ble. Verified Small E			<u>–</u>		\$820.00				
	SUBTOTAL =											
Processing fee of \$1 months from the ear	130.00 for furnishing trliest claimed priority	the English date (37 C	translation later than FR 1.492 (f)).	□ 20		+		\$820.00 \$0.00				
		=		\$820.00								
Fee for recording th accompanied by an	e enclosed assignmen appropriate cover she	t (37 CFR et (37 CFR	1.21(h)). The assignment 3.28, 3.31) (check if	ent must b applicabl	e).			\$0.00	į			
-			TOTAL FEES	ENCL	OSED	=		\$820.00				
								ount to be: refunded	\$			
								charged	\$			
 ✓ A check in the amount of \$820.00 to cover the above fees is enclosed. ☐ Please charge my Deposit Account No. in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. ✓ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment 												
	<u>-</u>	1895	A duplicate copy of the	•	-	edit a	ny ov	erpayment				
NOTE: Where an 1.137(a) or (b)) mu	appropriate time lin ist be filed and grant	nit under 3 ed to resto	7 CFR 1.494 or 1.495 re the application to p	has not l pending s	tatus.	petiti	ion to	revive (37 CF	r <i>(</i>			
SEND ALL CORR	ESPONDENCE TO:			1	- Tu	ia		/ IN	aile			
Lisa A. Haile Gray Ware & Fri	adansiah I I D			_ `	SIGNAT	URE						
4365 Executive D			Lisa A. Haile									
San Diego, Califo	rnia 92121-2189			NAME								
United States of A	merica											
Telephone: (858)		38,347 REGISTRATION NUMBER										
Facsimile: (858) 6	77-1465											
					April 26 DATE	, 200	U					
					DATE							

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DOCUMENT: US NATIONAL PHASE FILING UNDER

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DOCKET NO.: UCSD1130-1 SERIAL NO.: UNASSIGNED

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I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231.

Mikhail Bayley

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